Abstract of the Disclosure

The present invention offers a novel control system for a multiphase motor. The control system involves energization circuitry for energizing each phase winding, and a control circuit for defining phase currents for individual phases of the motor to generate control signals applied to the energization circuitry for energization of the phase windings. When at least one phase of the motor fails, a mode selection circuit enables the control circuit to operate either in a non-correction mode or in a fault-correction mode. In the non-correction mode of operation, phase currents for phases that remain operational are maintained unmodified. In the fault-correction mode, the phase currents for the remaining phases are modified in accordance with pre-set parameters.